

# Session Categories

Session numbers are noted to the left of each title

## Data Fusion and Data Mining

- 6. Data Fusion - Automation
- 17. Data Fusion - Imagery and Lidar
- 40. Data Fusion I
- 62. Data Fusion II
- 83. Special Session: Beyond Depth – Emerging Techniques in Active/Passive Data Fusion – and – Anticipated New Bathymetric Systems

## Data Processing and Analysis

- 5. Change Detection
- 16. Classification I
- 20. Feature Extraction
- 76. Noise/Clutter/Cloud Removal

## Data Processing and Analysis Techniques Utilizing Remotely-sensed and Other GIS Data

- 5. Change Detection
- 16. Classification I
- 20. Feature Extraction
- 22. Image Analysis Using Geometric Constraints
- 30. Classification II
- 41. Data Smoothing and Filtering
- 48. Special Session: Imagery and Geospatial Data in Disaster Response - 1
- 52. Natural Catastrophe Assessment
- 56. Remote Sensing and GIS Techniques
- 59. Special Session: Imagery and Geospatial Data in Disaster Response - 2
- 68. Lidar/SAR — Application Processing Methods
- 76. Noise/Clutter/Cloud Removal
- 88. Object Detection and Classification

## Data Standards, Management and Policies

- 15. Special Session: Training Session on USGS Imagery Specifications
- 19. EPA: Geospatial Quality Assurance
- 34. Web Services and Data Storage
- 60. Special Session: Re-engineering the National Spatial Data Infrastructure (NSDI); North American Metadata Profile, Geospatial Line of Business

## Digital Elevation Model Technologies and Applications

- 7. DEM — Accuracy Assessment I
- 42. DEM — Accuracy Assessment II
- 51. Lidar — Forestry and Habitat
- 64. DEM — Coastal and Bathymetric Applications
- 68. Lidar/SAR — Application Processing Methods
- 71. Special Session: Applications of Bathymetric and Topographic Lidar to Surveying and Mapping Problems in the Littoral Zone
- 73. DEM — Digital Processing Methods
- 85. DEM — Geology and Change Detection
- 93. DEM — Quality Control

## Educational Programs and Issues

- 9. Education - College and University Geospatial Curricula
- 36. Geospatial Education, Materials and Facilities
- 54. Pre-College Education Issues
- 55. Project Management and Education Curriculum Issue

## GIS System Integration, Modeling, Geostatistics, Intelligent Databases, Temporal Studies, and Other Analysis Techniques

- 31. GIS - Modelling and Analysis
- 32. GIS - Urban Analysis Methods
- 44. GIS Analysis in Water Resource Areas
- 56. Remote Sensing and GIS Techniques
- 94. GIS — Analysis and Processing Methods

## Photogrammetry, Surveying, and Mapping Issues and Techniques

- 4. Calibration Issues in Photogrammetry
- 8. Digital Photogrammetric Cameras and Photogrammetric Analysis using Video Sensors
- 26. Special Session: Airborne GNSS for Photogrammetry
- 33. High Resolution Satellite Imagery and 3D Surface Models
- 38. Classification and Positional Accuracy Assessment
- 39. Close Range Photogrammetry
- 43. Geometric Processing of Satellite Imagery
- 50. Hyperspectral Scanners and Photogrammetry in GIS
- 53. Photogrammetric Digital Camera Accuracy
- 58. Special Session: Direct Georeferencing
- 67. Integration of Photogrammetry and Lidar
- 74. Image Sensor Calibration
- 77. Photogrammetric Processing Methods
- 78. Photogrammetric Production Tools and Techniques

## Remote Sensing and GIS technologies

- 3. Agricultural Applications
- 11. Feature Extraction Techniques
- 12. Special Session: Geospatial Solutions at the FWC Fish and Wildlife Research Institute
- 21. GPS/INS - Navigation and Processing
- 23. Wildlife Habitat Analysis
- 27. Applications of Lidar to Forestry
- 28. Aquatic Vegetation Mapping
- 29. ASTER Satellite Applications
- 37. Classification Algorithm Development
- 38. Classification and Positional Accuracy Assessment
- 45. Hurricane Damage Assessment
- 46. Special Session: Wetland Mapping/Assessment with Thermal Sensors
- 49. Special Session: Mapping the Great Wall of China
- 57. Vegetation Mapping: Change Detection
- 61. Classification Techniques
- 63. Data Fusion Techniques
- 65. Forestry Mapping
- 66. Hydrological Applications
- 69. MODIS Satellite Mapper
- 72. Coastal Mapping
- 75. Land Use/Land Cover Change Assessment
- 80. Soil and Hydrology Mapping
- 81. Special Session: Applications of Aerial Thermography
- 84. Cultural Feature Applications
- 86. Landsat Mapping Applications
- 87. Landscape and Image Scale Issues
- 89. Social and Environmental Mapping Issues
- 90. Transportation Mapping
- 91. Urban Mapping
- 92. Vegetation Mapping: Classification
- 95. Landscape Pattern Assessment
- 96. Vegetation Mapping: Indices
- 97. Vegetation Mapping: Invasive Plants
- 98. Water Resource Mapping
- 99. Wildfire Mapping

